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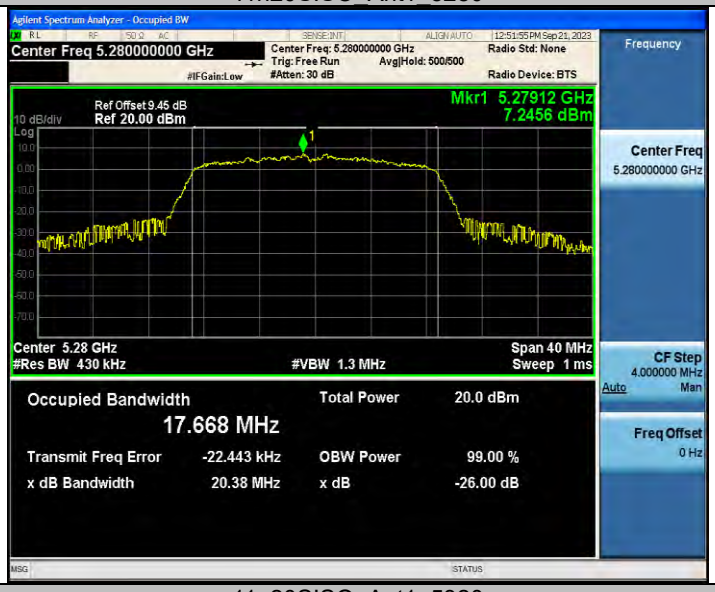

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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086
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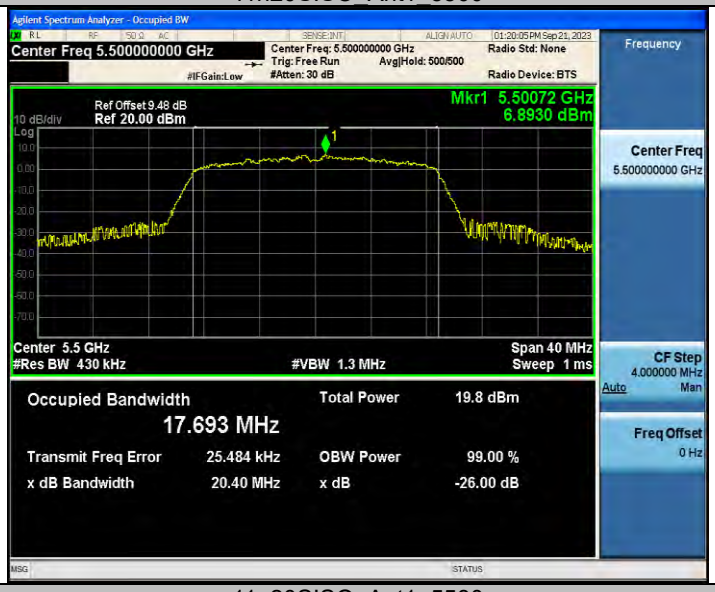

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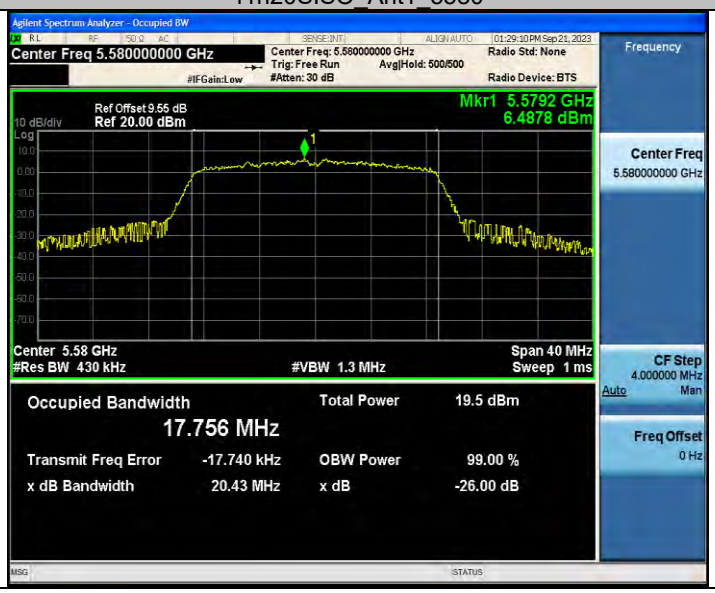

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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086 t (86-29) 6282 7885 sgs.china@sgs.com

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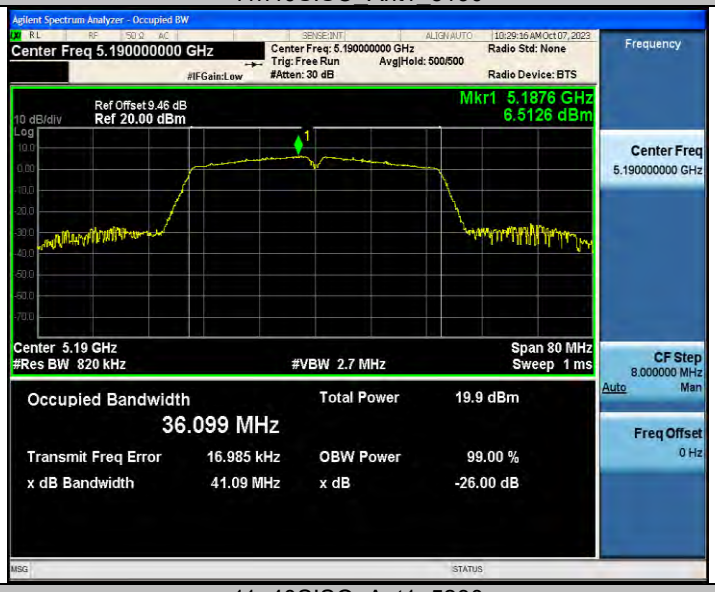

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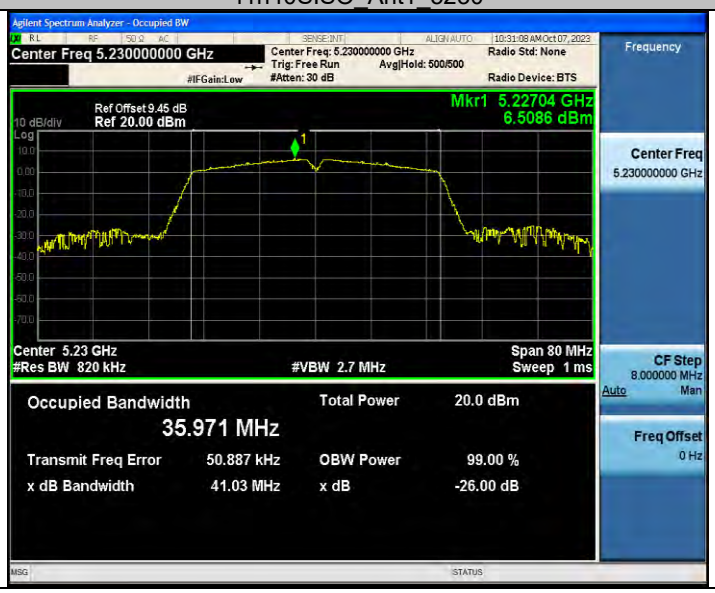

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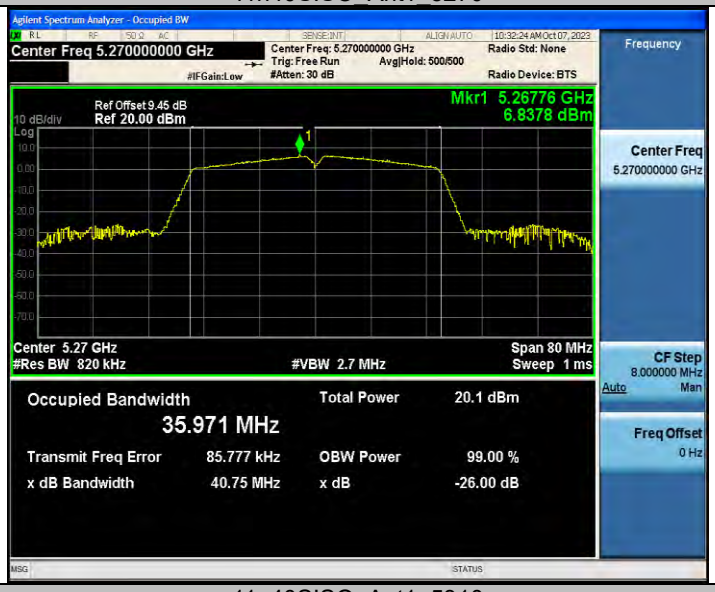

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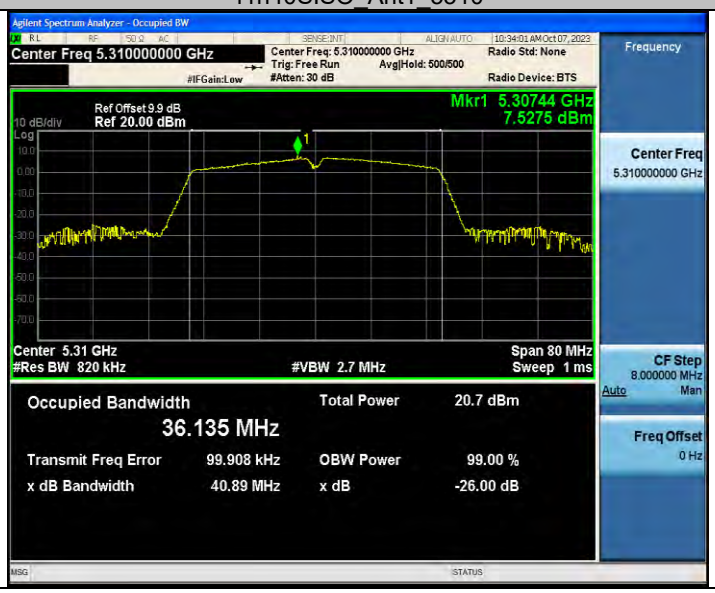

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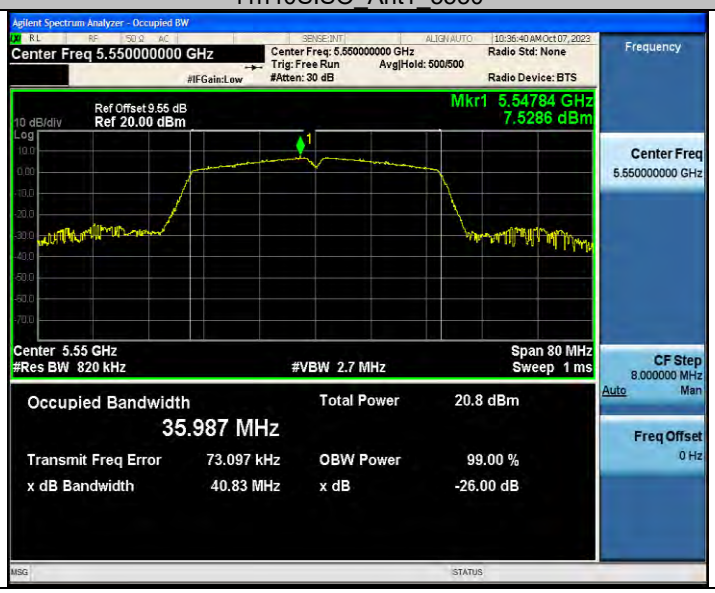

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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086
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SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd. Wireless Laboratory
1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086
t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

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1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086
t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

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1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086
t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086
t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

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1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086
t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

6dB emission bandwidth

Test Result B4

TestMode	Antenna	Frequency[MHz]	6dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11a	Ant1	5745	13.840	5738.680	5752.520	0.5	PASS
		5785	13.880	5778.680	5792.560	0.5	PASS
		5825	14.080	5817.440	5831.520	0.5	PASS
11n20SISO	Ant1	5745	14.240	5738.320	5752.560	0.5	PASS
		5785	13.840	5778.680	5792.520	0.5	PASS
		5825	13.760	5817.480	5831.240	0.5	PASS
11n40SISO	Ant1	5755	35.040	5737.480	5772.520	0.5	PASS
		5795	33.840	5777.480	5811.320	0.5	PASS
11ac20SISO	Ant1	5745	11.680	5738.680	5750.360	0.5	PASS
		5785	12.600	5779.920	5792.520	0.5	PASS
		5825	15.960	5817.440	5833.400	0.5	PASS
11ac40SISO	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	32.560	5778.680	5811.240	0.5	PASS

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Test Graphs B4

11a_Ant1_5745

11a_Ant1_5785

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1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086
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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086 t (86-29) 6282 7885 sgs.china@sgs.com
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Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11a	Ant1	5180	1.39	1.50	92.67
11n20SISO	Ant1	5180	1.29	1.40	92.14
11n40SISO	Ant1	5190	0.64	0.75	85.33
11ac20SISO	Ant1	5180	1.32	1.42	92.96
11ac40SISO	Ant1	5190	0.65	0.76	85.53

Note:

Radiated Emission Average VBW = 1 / T

TestMode	T[ms]	Period[ms]	Duty Cycle[%]	1/T[kHz]	VBW Setting
11a	1.39	1.5	92.67	0.71942	0.75KHz
11n20SISO	1.29	1.4	92.14	0.77519	0.82KHz
11n40SISO	1.29	1.4	92.14	0.77519	0.82KHz

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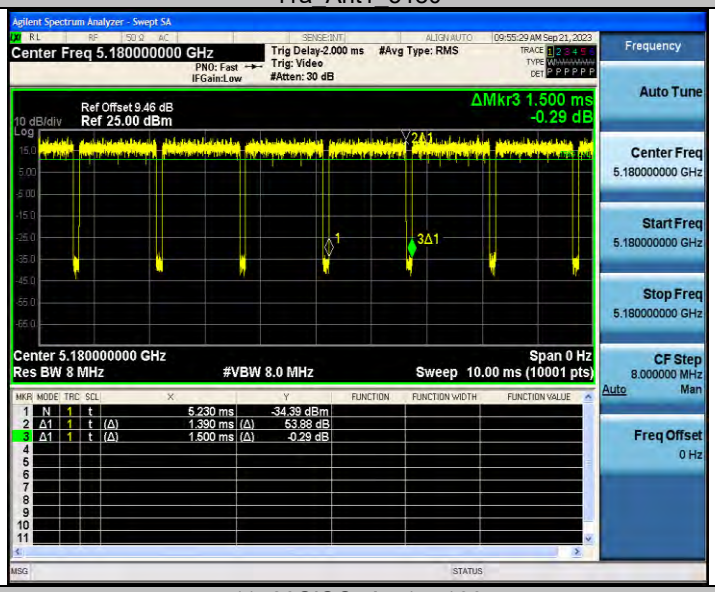
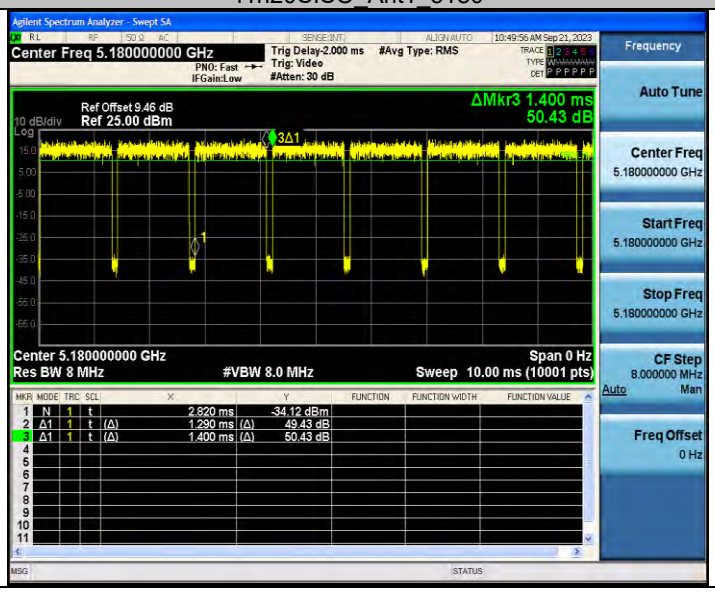
Test Graphs

11a_Ant1_5180



11n20SISO_Ant1_5180



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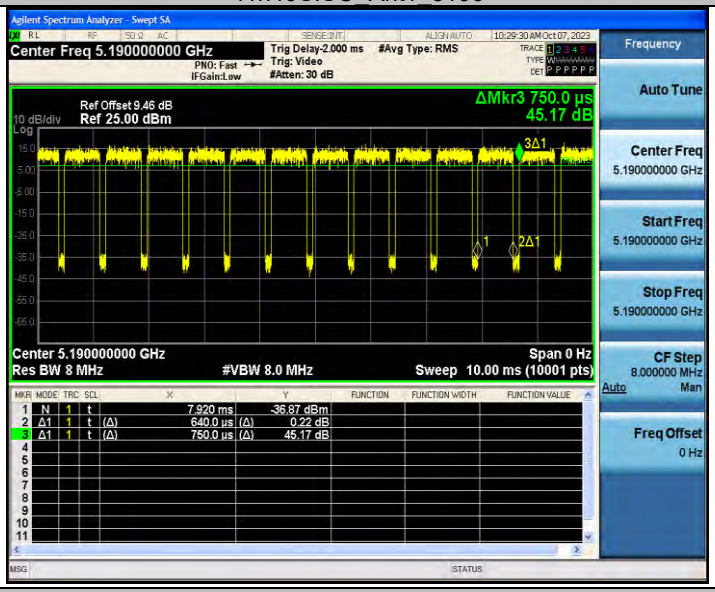
11n40SISO_Ant1_5190



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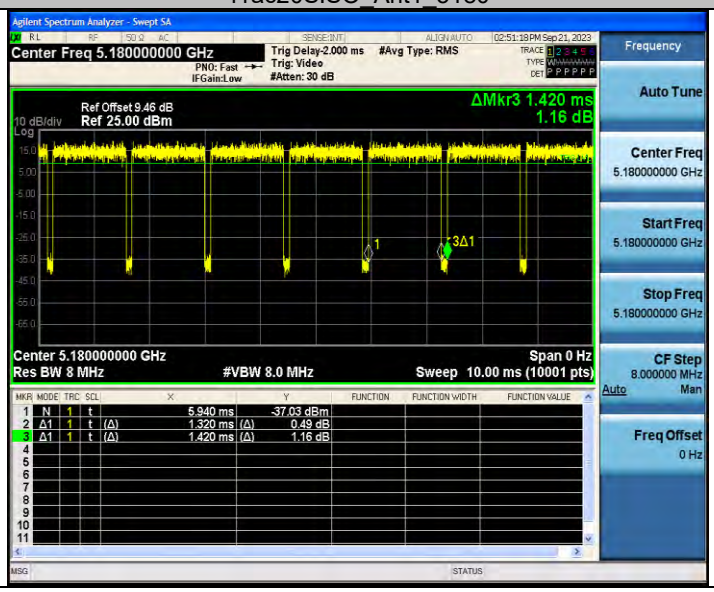

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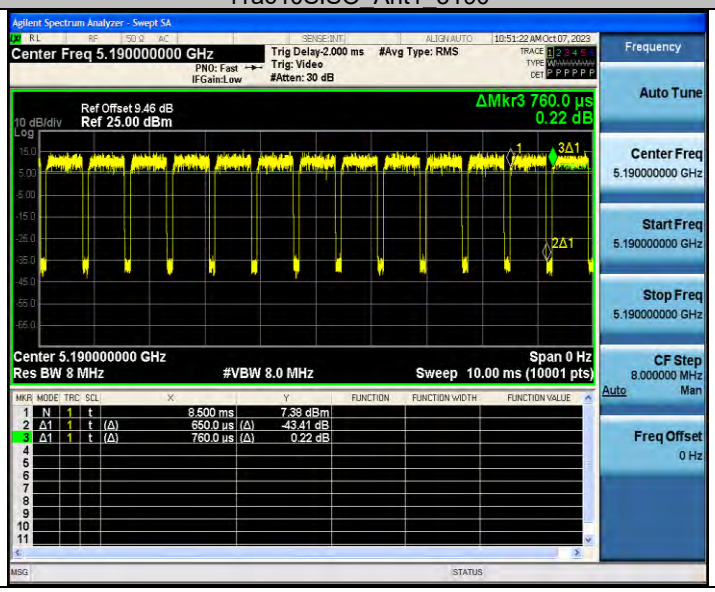
11ac40SISO_Ant1_5190



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Maximum conducted output power
Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Channel Power [dBm]	Limit [dBm]	Verdict
11a	Ant1	5180	14.11	≤23.98	PASS
		5200	14.01	≤23.98	PASS
		5240	14.12	≤23.98	PASS
		5260	14.05	≤23.98	PASS
		5280	14.07	≤23.98	PASS
		5320	13.97	≤23.98	PASS
		5500	13.85	≤23.98	PASS
		5580	13.83	≤23.98	PASS
		5700	14.18	≤23.98	PASS
		5745	14.21	≤30.00	PASS
		5785	14.23	≤30.00	PASS
		5825	14.12	≤30.00	PASS
11n20SISO	Ant1	5180	12.91	≤23.98	PASS
		5200	12.96	≤23.98	PASS
		5240	12.94	≤23.98	PASS
		5260	13.02	≤23.98	PASS
		5280	13.01	≤23.98	PASS
		5320	13.15	≤23.98	PASS
		5500	12.91	≤23.98	PASS
		5580	12.81	≤23.98	PASS
		5700	13.08	≤23.98	PASS
		5745	13.00	≤30.00	PASS
		5785	13.10	≤30.00	PASS
		5825	12.97	≤30.00	PASS
11n40SISO	Ant1	5190	12.95	≤23.98	PASS
		5230	12.94	≤23.98	PASS
		5270	12.91	≤23.98	PASS
		5310	12.88	≤23.98	PASS
		5510	13.11	≤23.98	PASS
		5550	12.91	≤23.98	PASS
		5670	13.07	≤23.98	PASS
		5755	13.04	≤30.00	PASS
		5795	13.01	≤30.00	PASS
11ac20SISO	Ant1	5180	12.01	≤23.98	PASS
		5200	12.16	≤23.98	PASS
		5240	12.07	≤23.98	PASS
		5260	12.11	≤23.98	PASS
		5280	12.11	≤23.98	PASS
		5320	11.92	≤23.98	PASS
		5500	12.09	≤23.98	PASS
		5580	12.04	≤23.98	PASS
		5700	12.18	≤23.98	PASS
		5745	12.21	≤30.00	PASS
		5785	12.12	≤30.00	PASS
		5825	12.31	≤30.00	PASS
11ac40SISO	Ant1	5190	12.03	≤23.98	PASS

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		5230	12.13	≤23.98	PASS
		5270	12.15	≤23.98	PASS
		5310	12.08	≤23.98	PASS
		5510	11.99	≤23.98	PASS
		5550	12.06	≤23.98	PASS
		5670	12.10	≤23.98	PASS
		5755	12.01	≤30.00	PASS
		5795	12.27	≤30.00	PASS

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Maximum power spectral density
Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11a	Ant1	5180	4.23	≤11.00	PASS
		5200	2.99	≤11.00	PASS
		5240	3.75	≤11.00	PASS
		5260	3.31	≤11.00	PASS
		5280	4.78	≤11.00	PASS
		5320	4.89	≤11.00	PASS
		5500	4.77	≤11.00	PASS
		5580	3.59	≤11.00	PASS
		5700	3.94	≤11.00	PASS
		5745	1.83	≤30.00	PASS
		5785	1.74	≤30.00	PASS
		5825	0.88	≤30.00	PASS
11n20SISO	Ant1	5180	3.25	≤11.00	PASS
		5200	1.44	≤11.00	PASS
		5240	2.78	≤11.00	PASS
		5260	2.25	≤11.00	PASS
		5280	3.42	≤11.00	PASS
		5320	4.79	≤11.00	PASS
		5500	3.40	≤11.00	PASS
		5580	2.88	≤11.00	PASS
		5700	2.63	≤11.00	PASS
		5745	1.49	≤30.00	PASS
		5785	1.76	≤30.00	PASS
		5825	1.26	≤30.00	PASS
11n40SISO	Ant1	5190	0.18	≤11.00	PASS
		5230	0.40	≤11.00	PASS
		5270	0.33	≤11.00	PASS
		5310	1.09	≤11.00	PASS
		5510	1.18	≤11.00	PASS
		5550	0.88	≤11.00	PASS
		5670	-0.77	≤11.00	PASS
		5755	-3.04	≤30.00	PASS
		5795	-2.35	≤30.00	PASS
11ac20SISO	Ant1	5180	1.79	≤11.00	PASS
		5200	0.87	≤11.00	PASS
		5240	0.85	≤11.00	PASS
		5260	1.63	≤11.00	PASS
		5280	1.69	≤11.00	PASS
		5320	2.94	≤11.00	PASS
		5500	2.94	≤11.00	PASS
		5580	2.11	≤11.00	PASS
		5700	1.59	≤11.00	PASS
		5745	0.19	≤30.00	PASS
		5785	-0.04	≤30.00	PASS
		5825	-1.23	≤30.00	PASS
11ac40SISO	Ant1	5190	-1.61	≤11.00	PASS
		5230	-1.00	≤11.00	PASS
		5270	-0.91	≤11.00	PASS

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		5310	-0.29	≤11.00	PASS
		5510	0.10	≤11.00	PASS
		5550	-0.18	≤11.00	PASS
		5670	-1.36	≤11.00	PASS
		5755	-3.94	≤30.00	PASS
		5795	-3.59	≤30.00	PASS

Note：1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

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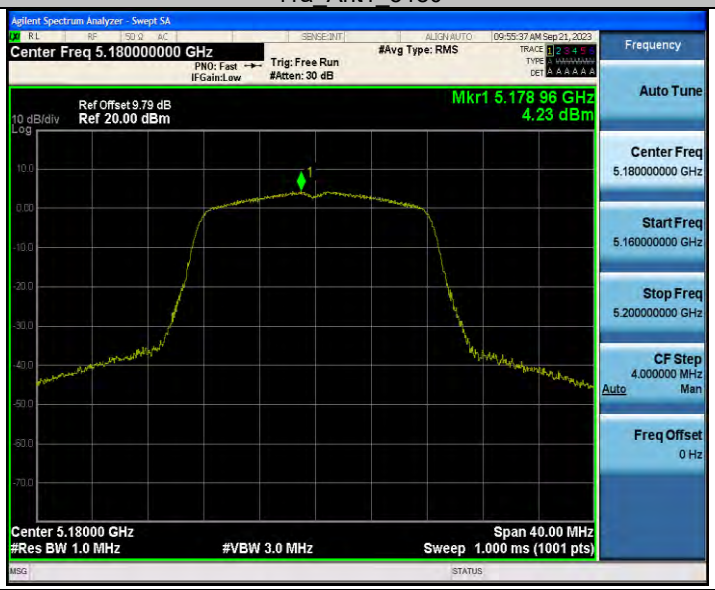
Test Graphs

11a_Ant1_5180



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11a_Ant1_5260

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11a_Ant1_5280

11a_Ant1_5320

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11a_Ant1_5500

11a_Ant1_5580

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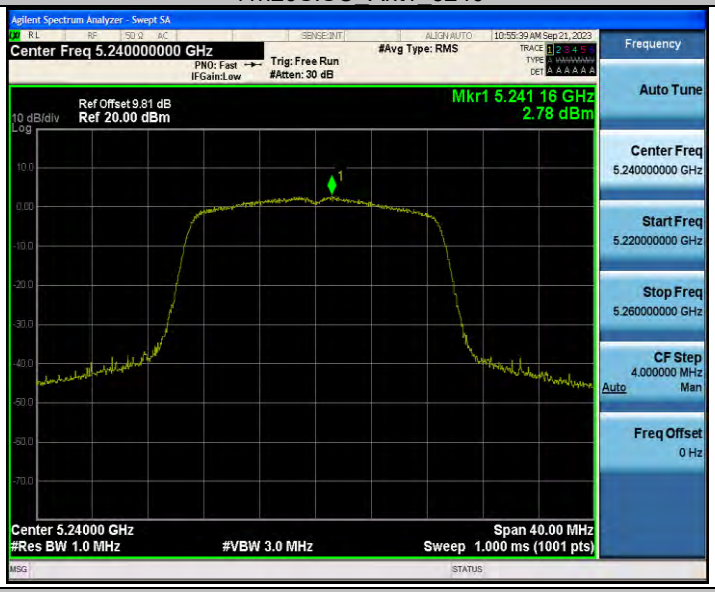

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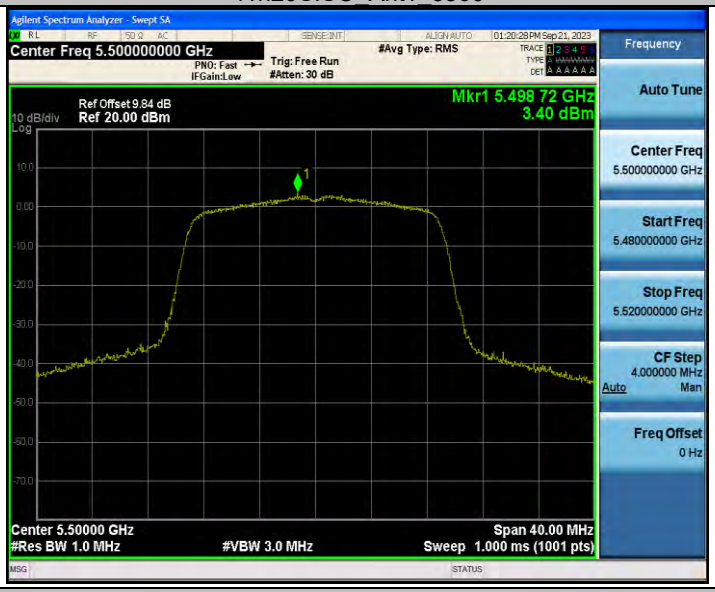

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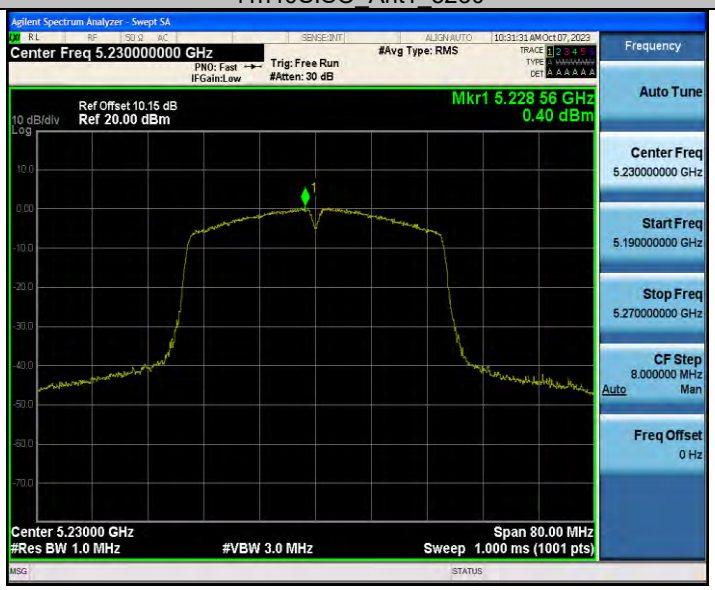

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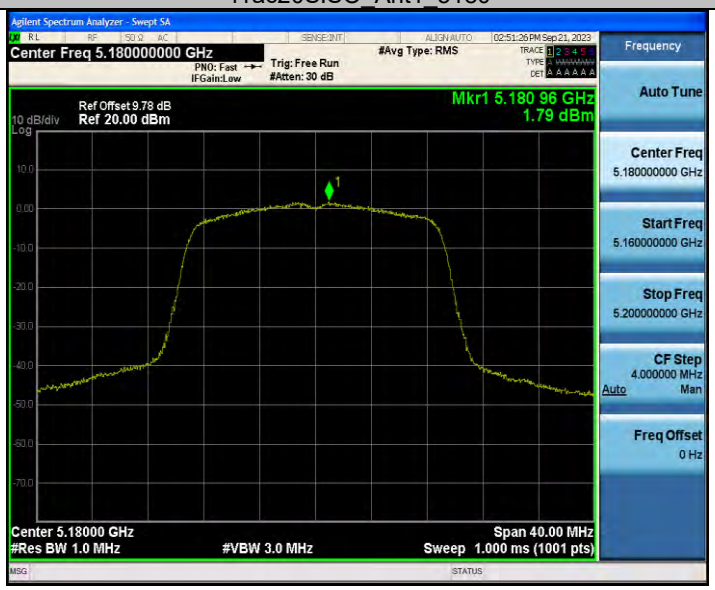

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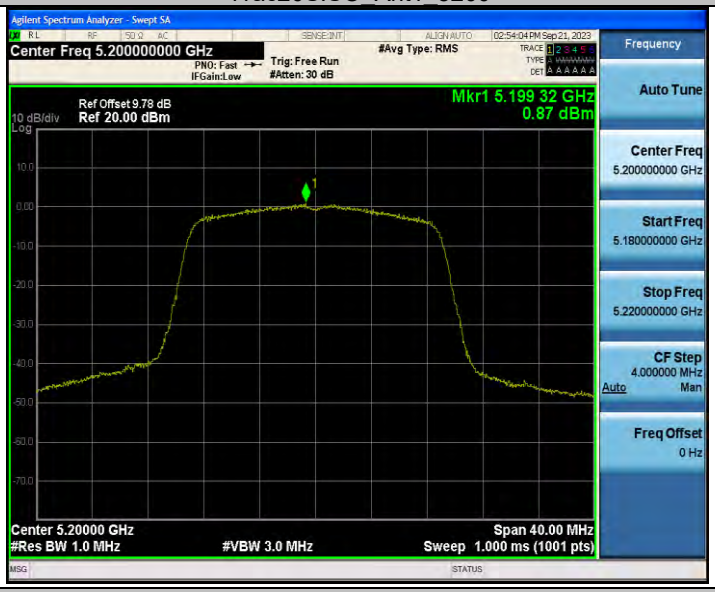

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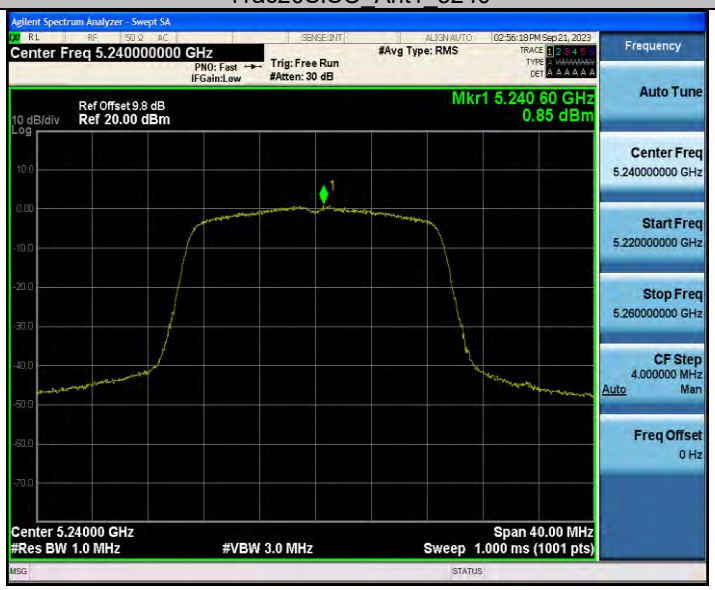

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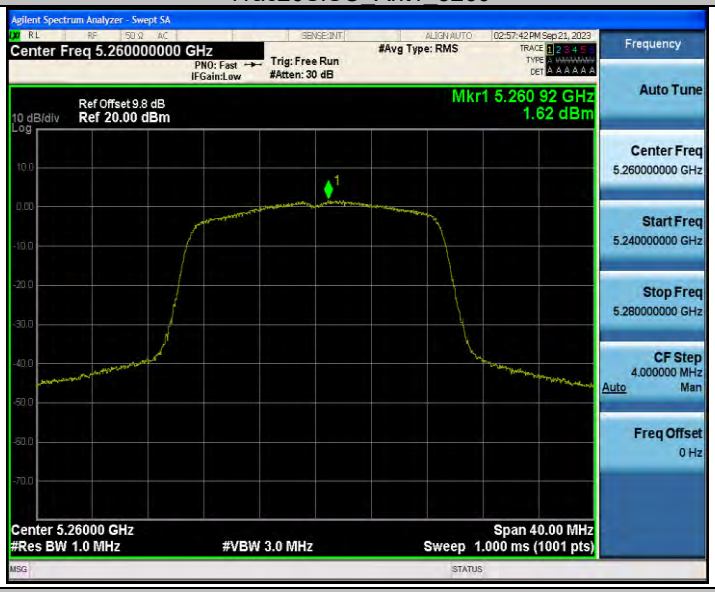

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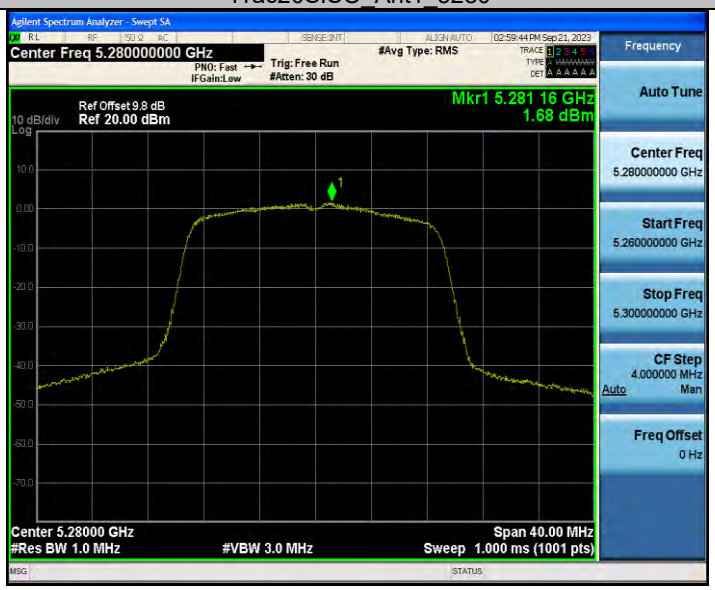

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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086 t (86-29) 6282 7885 sgs.china@sgs.com

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